

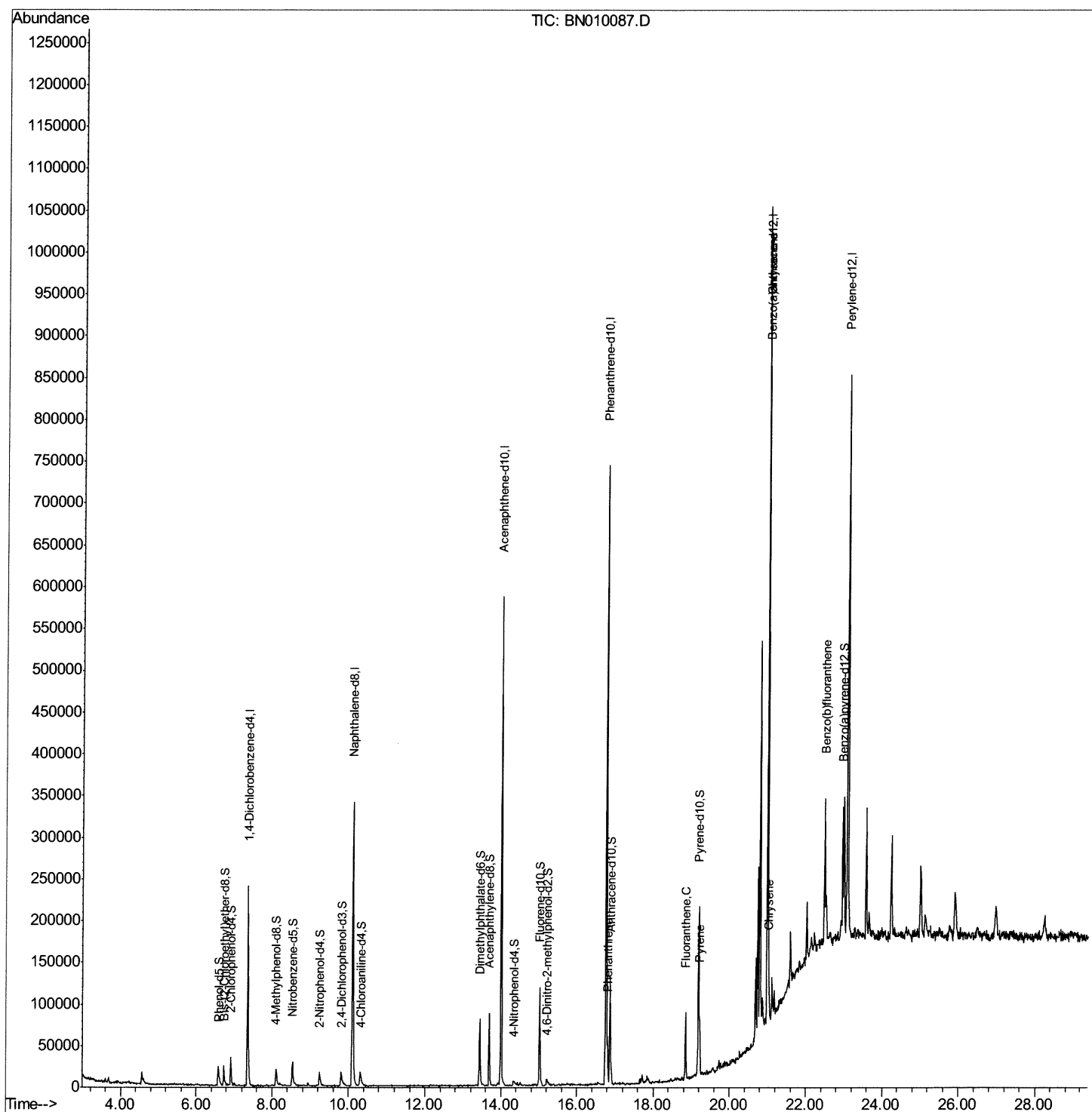
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010087.D
Acq On : 04 Mar 2020 17:25
Operator : CG/JU
Sample : L1641-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB700

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:39:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

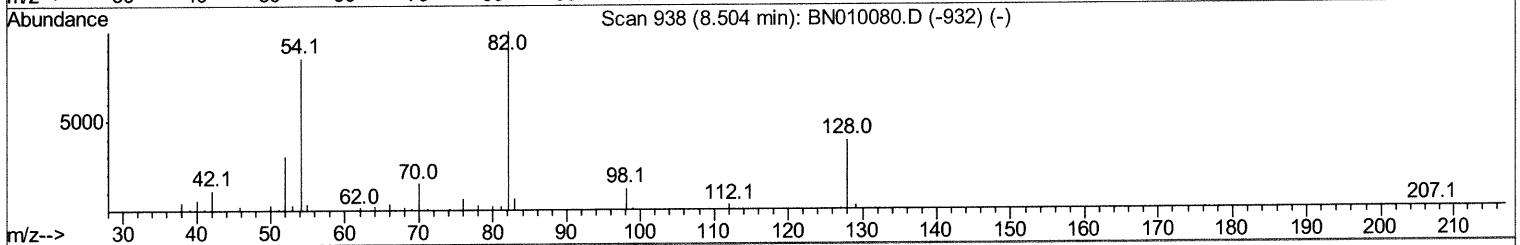
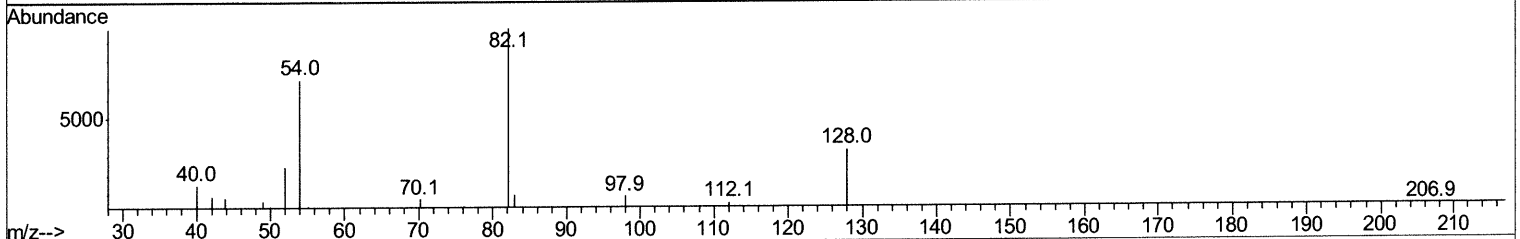
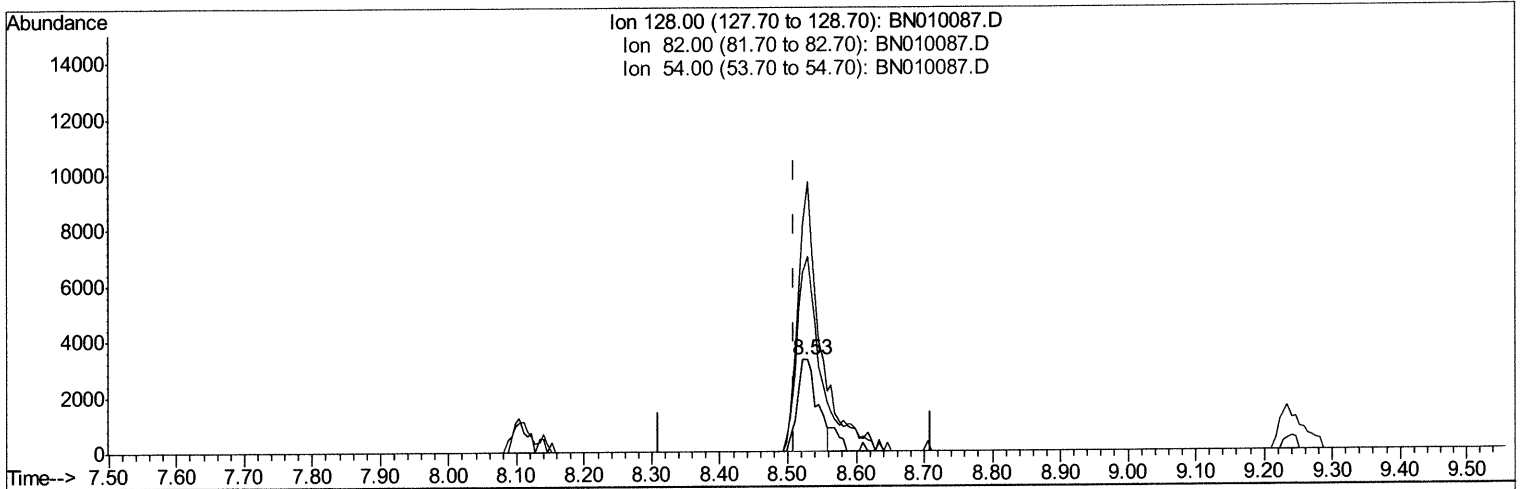
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
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 Operator : CG/JU
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 BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
 3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration



TIC: BN010087.D

(19) Nitrobenzene-d5 (S)

8.528min (+0.018) 3.22ng/ul

response 6586

Ion	Exp%	Act%
128.00	100	100
82.00	271.60	294.59
54.00	200.30	212.85
0.00	0.00	0.00

Quantitation Report (Qedit)

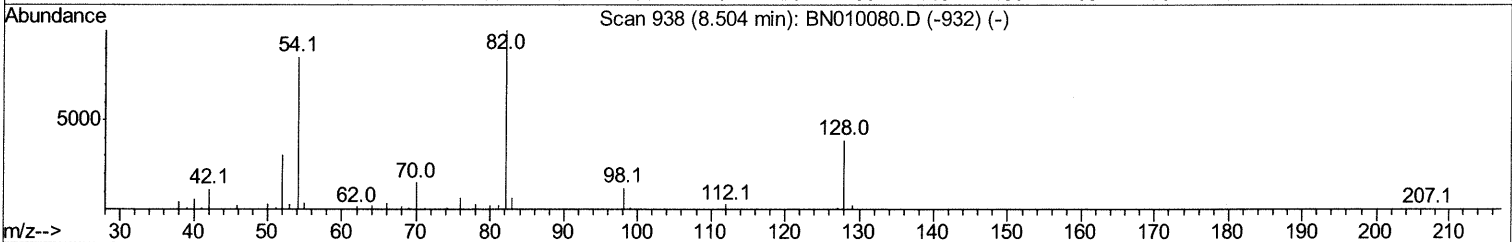
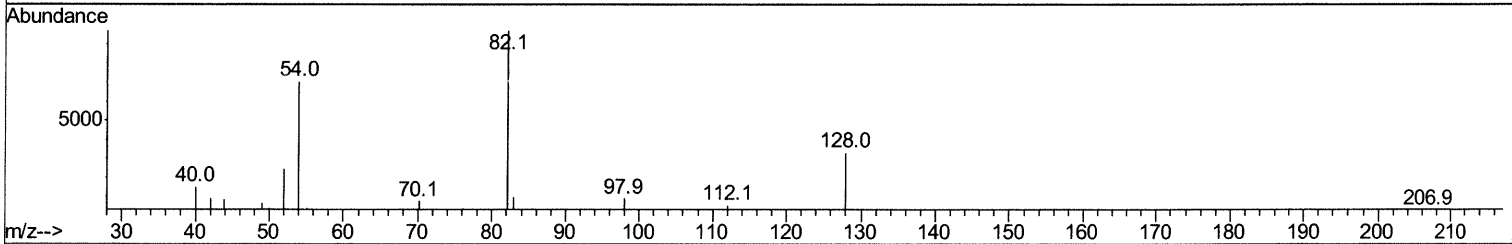
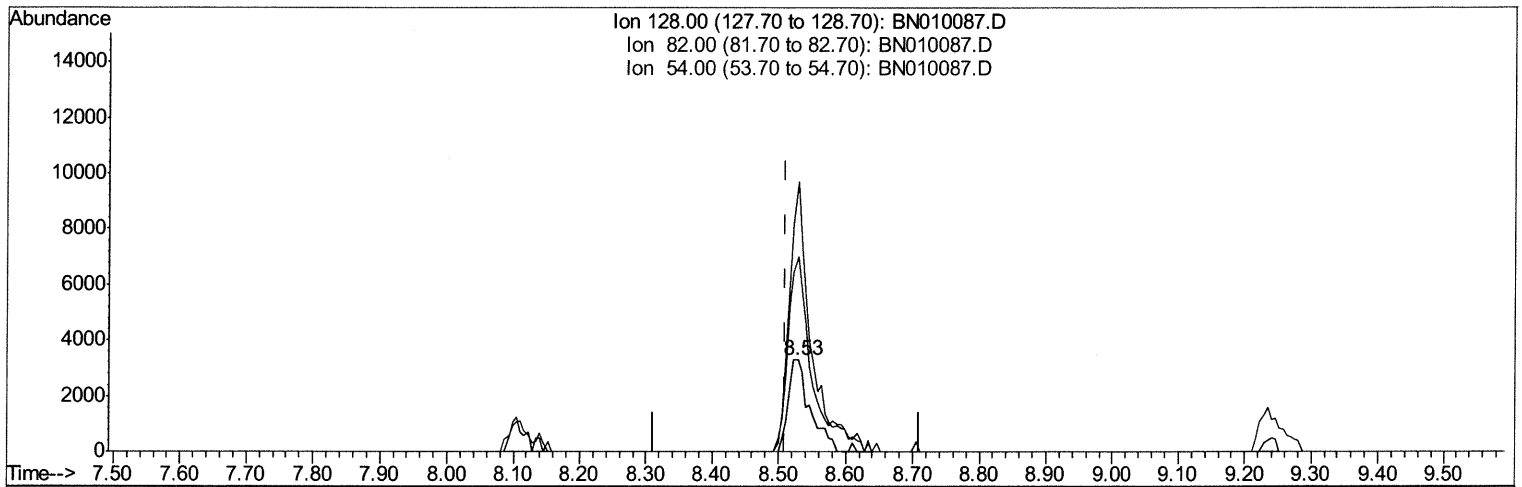
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
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 Operator : CG/JU
 Sample : L1641-17
 Misc :
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Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Mar 05 03:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration



TIC: BN010087.D

(19) Nitrobenzene-d5 (S)

8.528min (+0.018) 3.67ng/ul m *Ju 02/05/20*

response 7493

Ion	Exp%	Act%
128.00	100	100
82.00	271.60	294.59
54.00	200.30	212.85
0.00	0.00	0.00

Quantitation Report (Qedit)

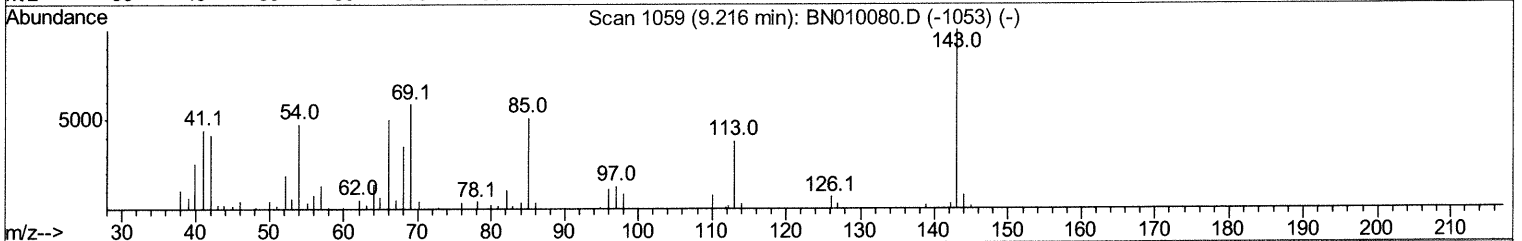
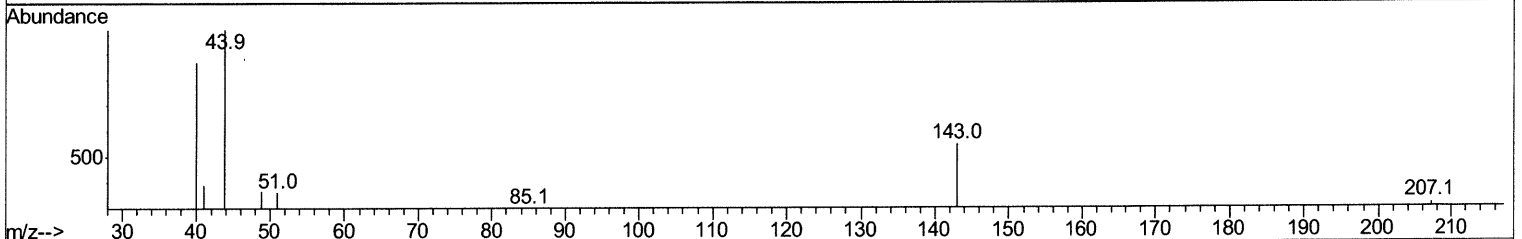
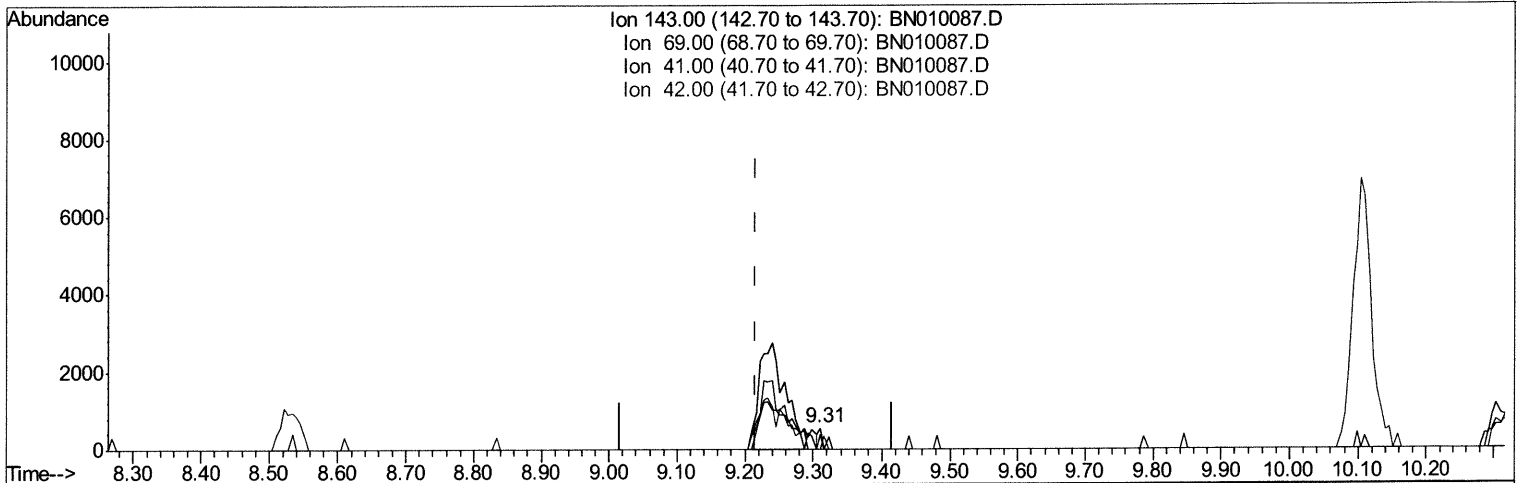
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
 Data File : BN010087.D
 Acq On : 04 Mar 2020 17:25
 Operator : CG/JU
 Sample : L1641-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 CB700

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration



TIC: BN010087.D

(22) 2-Nitrophenol-d4 (S)

9.310min (+0.094) 0.09ng/ul

response 193

Ion	Exp%	Act%
143.00	100	100
69.00	60.40	0.00#
41.00	36.00	71.66#
42.00	42.10	0.00#

Quantitation Report (Qedit)

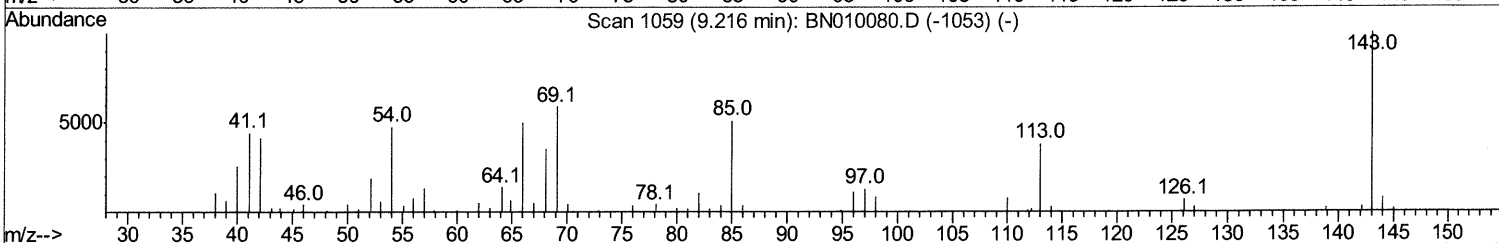
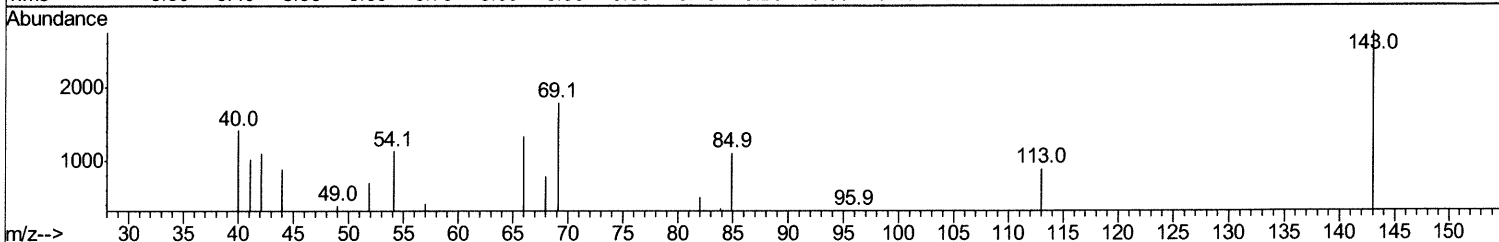
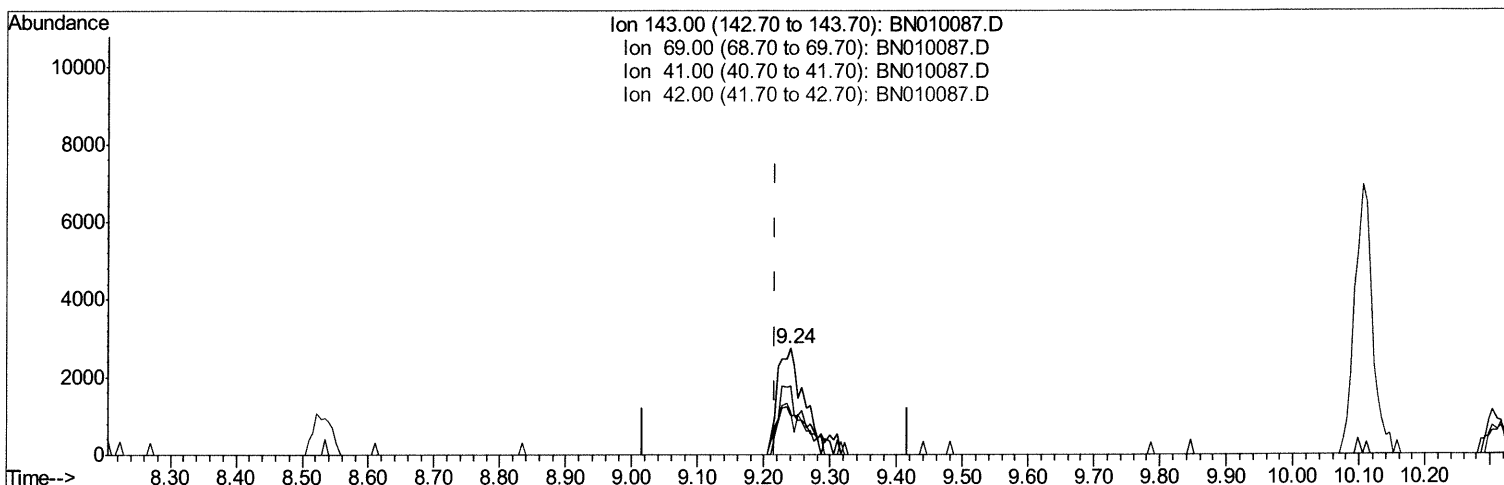
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 Data File : BN010087.D
 Acq On : 04 Mar 2020 17:25
 Operator : CG/JU
 Sample : L1641-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB700

Manual Integrations
 APPROVED

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Quant Time: Mar 05 03:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration



TIC: BN010087.D

(22) 2-Nitrophenol-d4 (S)

9.240min (+0.023) 3.60ng/ul m JU03/05/20

response 8042

Ion	Exp%	Act%
143.00	100	100
69.00	60.40	65.07
41.00	36.00	37.19
42.00	42.10	40.17

Quantitation Report (Qedit)

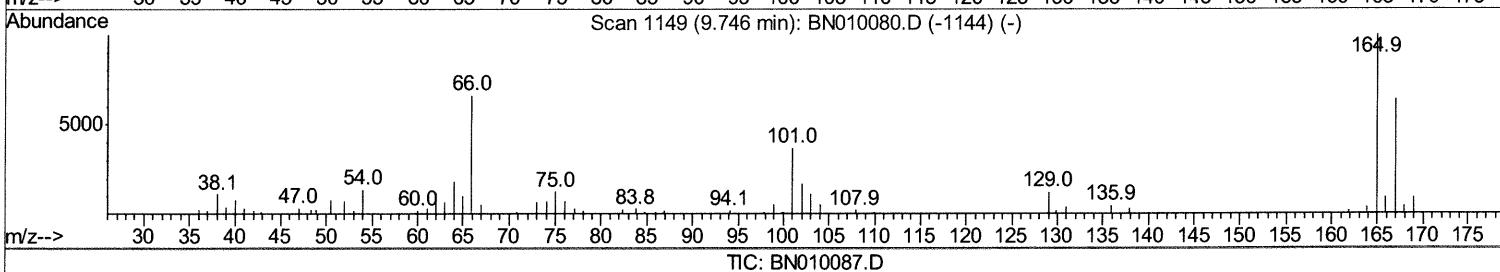
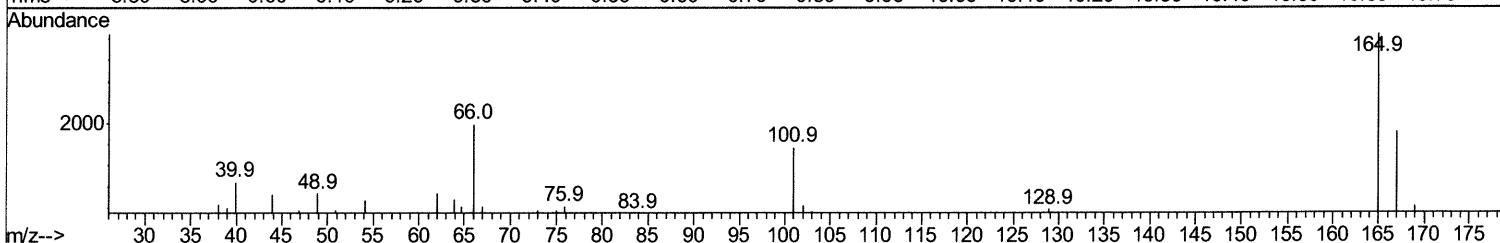
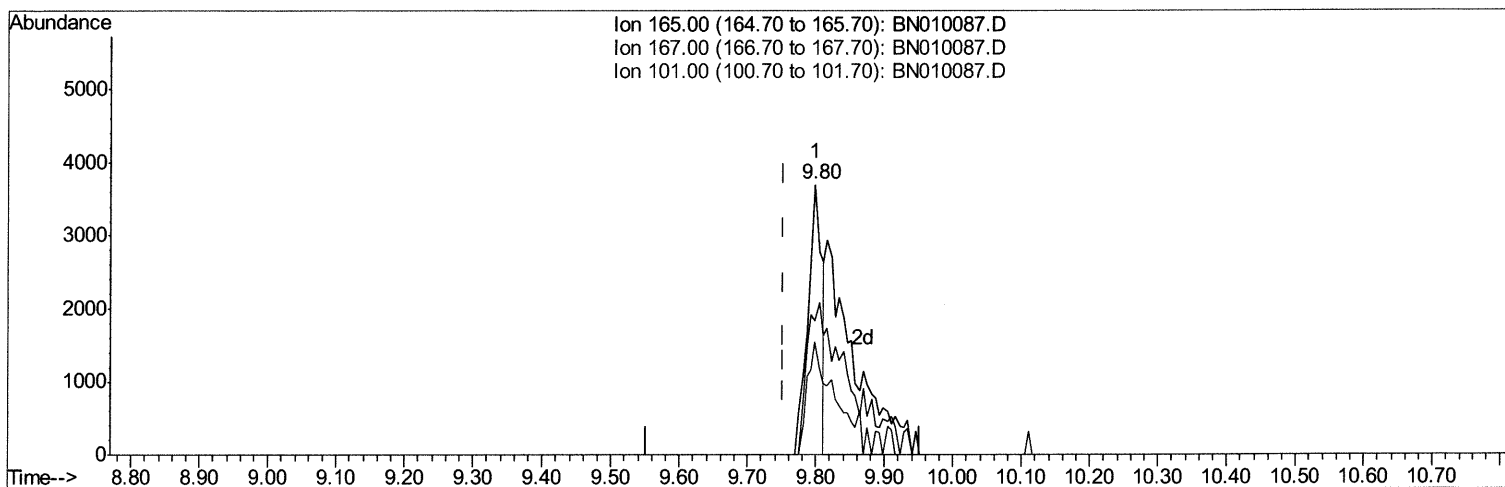
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Data File : BN010087.D
Acq On : 04 Mar 2020 17:25
Operator : CG/JU
Sample : L1641-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB700

Manual Integrations
APPROVED

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Quant Time: Mar 05 03:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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(26) 2,4-Dichlorophenol-d3 (S)

9.799min (+0.047) 1.25ng/ul

response 5372

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	49.61#
101.00	36.10	41.84
0.00	0.00	0.00

Quantitation Report (Qedit)

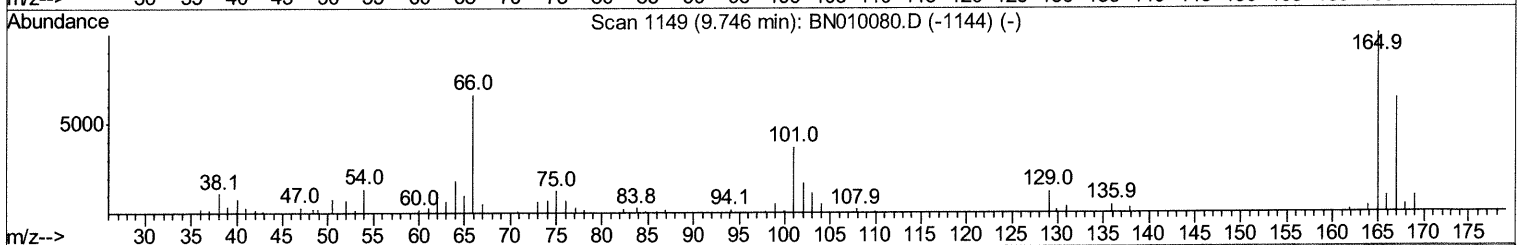
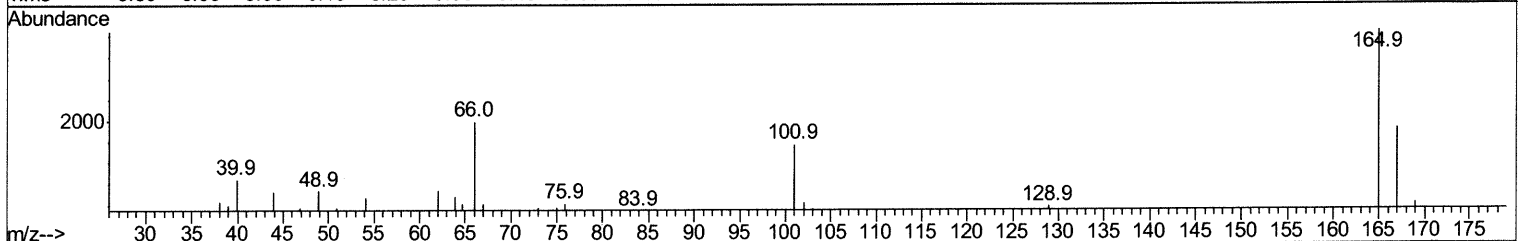
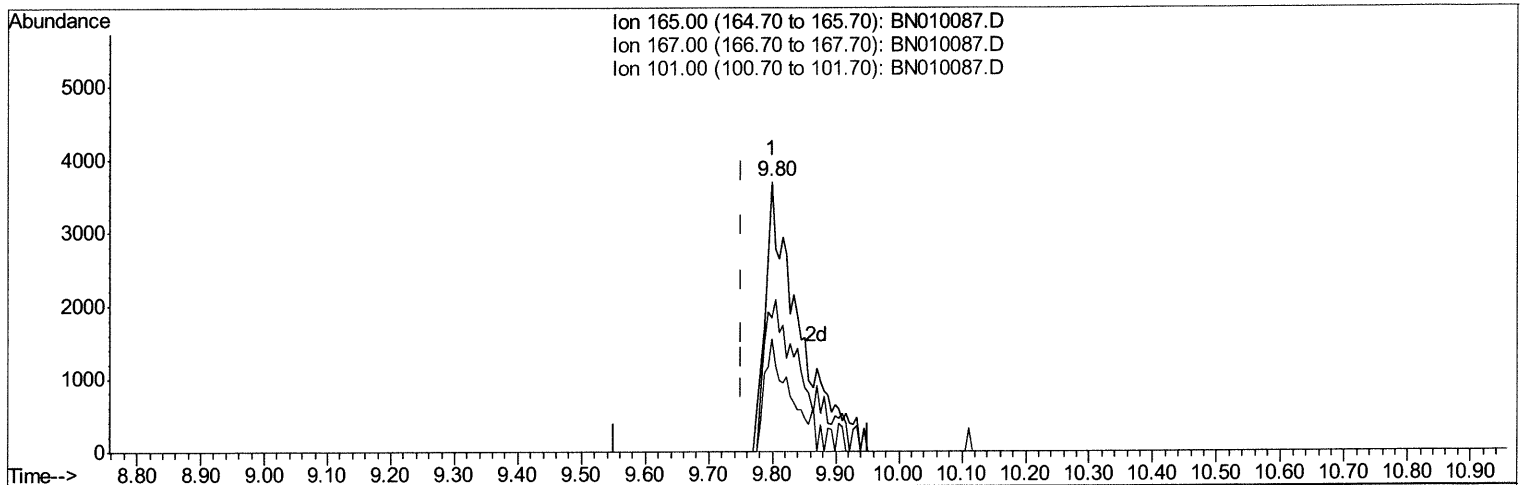
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Data File : BN010087.D
Acq On : 04 Mar 2020 17:25
Operator : CG/JU
Sample : L1641-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB700

Manual Integrations
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mohammad
3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration



TIC: BN010087.D

(26) 2,4-Dichlorophenol-d3 (S)

9.799min (+0.047) 3.26ng/ul m *JU 03/03/20*

response 14002

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	49.61#
101.00	36.10	41.84
0.00	0.00	0.00

Quantitation Report (Qedit)

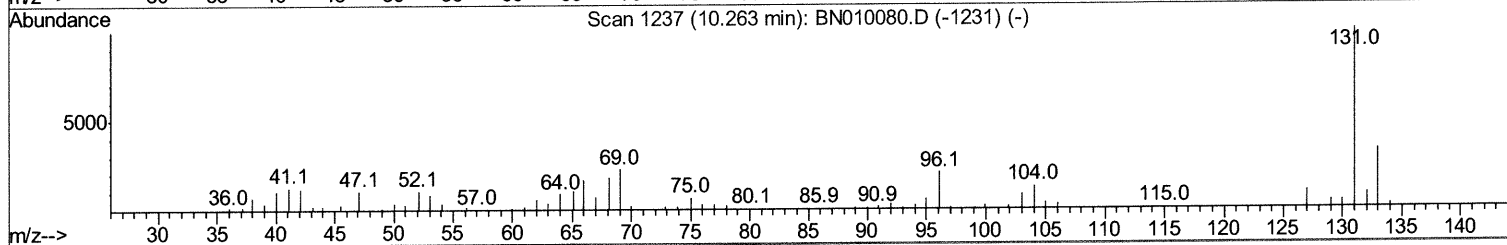
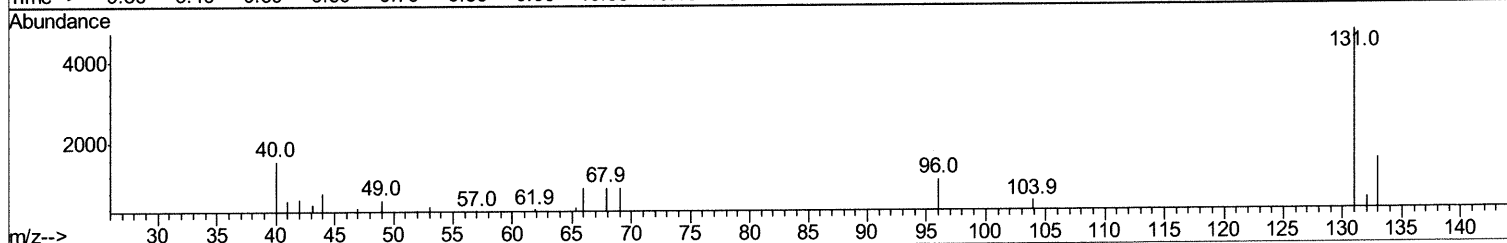
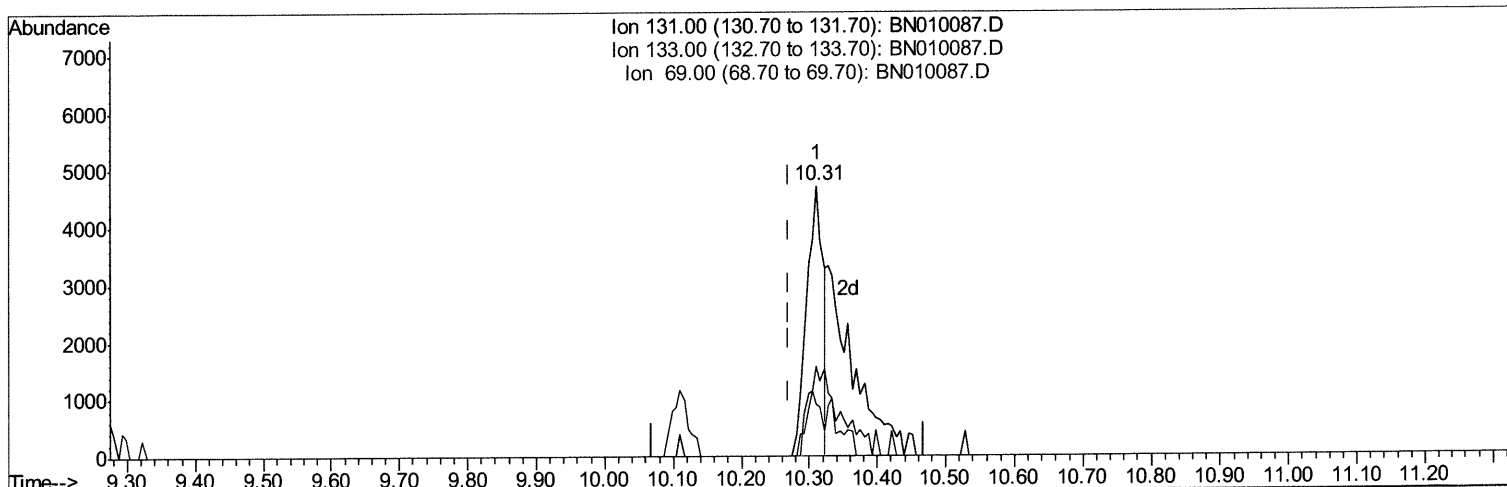
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 Acq On : 04 Mar 2020 17:25
 Operator : CG/JU
 Sample : L1641-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB700

Manual Integrations
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mohammad
 3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:37:40 2020
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TIC: BN010087.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.041) 1.64ng/ul

response 7903

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	33.33
69.00	22.10	19.10
0.00	0.00	0.00

Quantitation Report (Qedit)

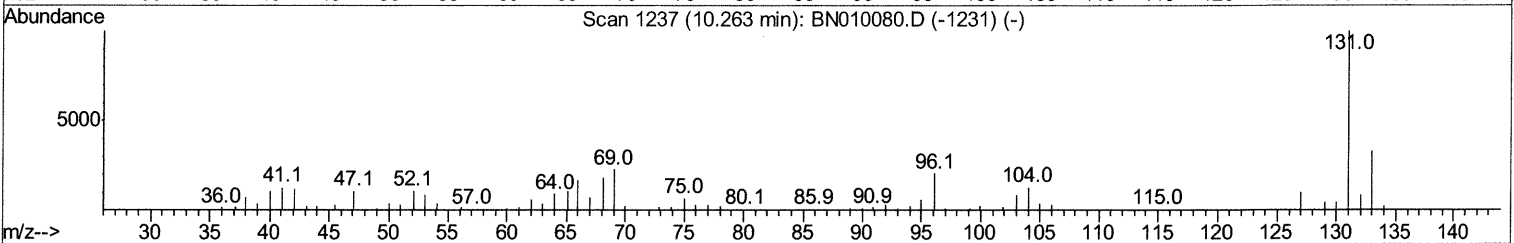
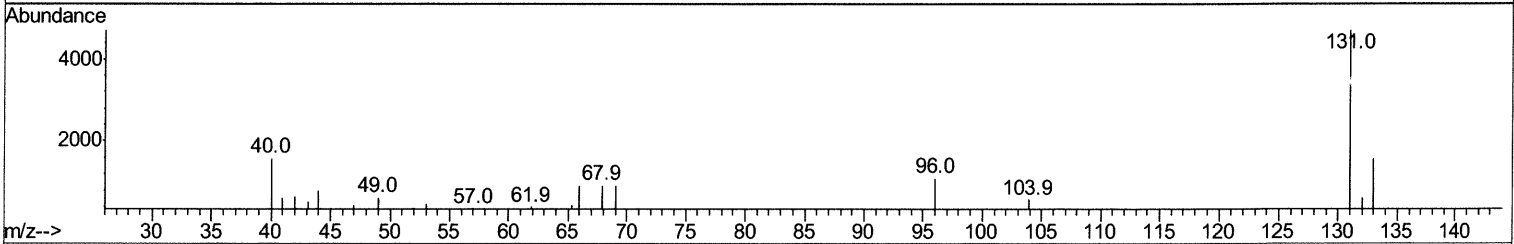
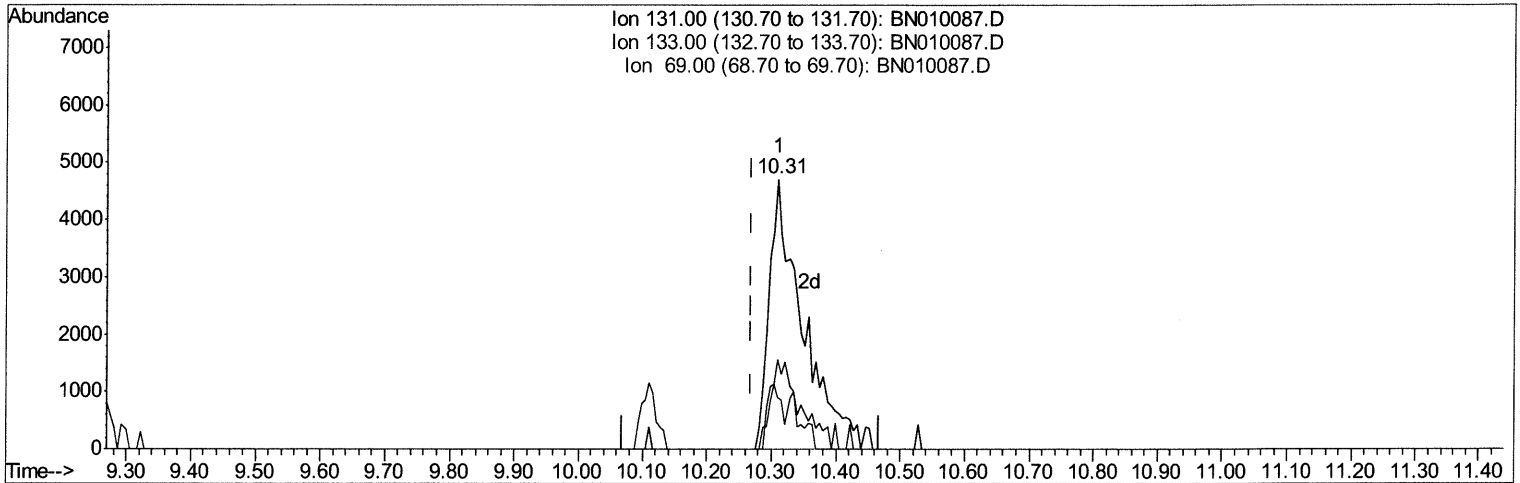
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 Acq On : 04 Mar 2020 17:25
 Operator : CG/JU
 Sample : L1641-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB700

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration



TIC: BN010087.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.041) 3.49ng/ul m *Ju03/05/20*

response 16867

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	33.33
69.00	22.10	19.10
0.00	0.00	0.00

Quantitation Report (Qedit)

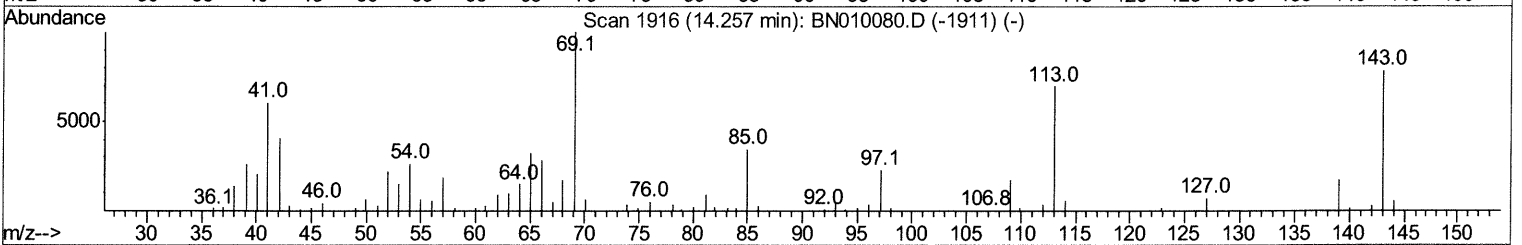
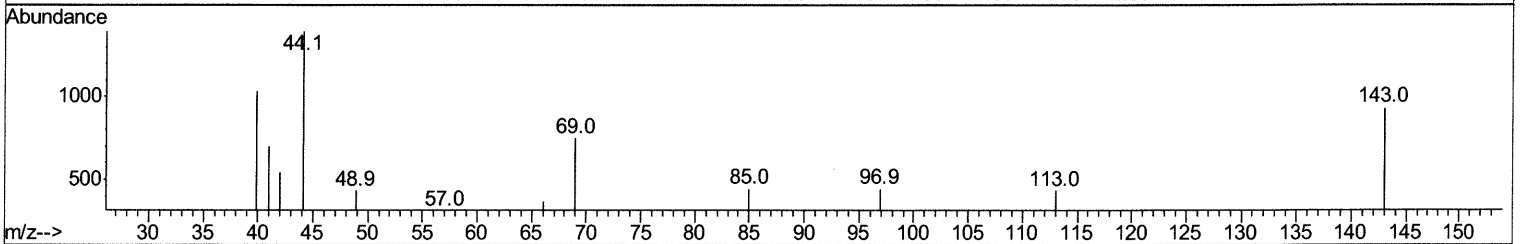
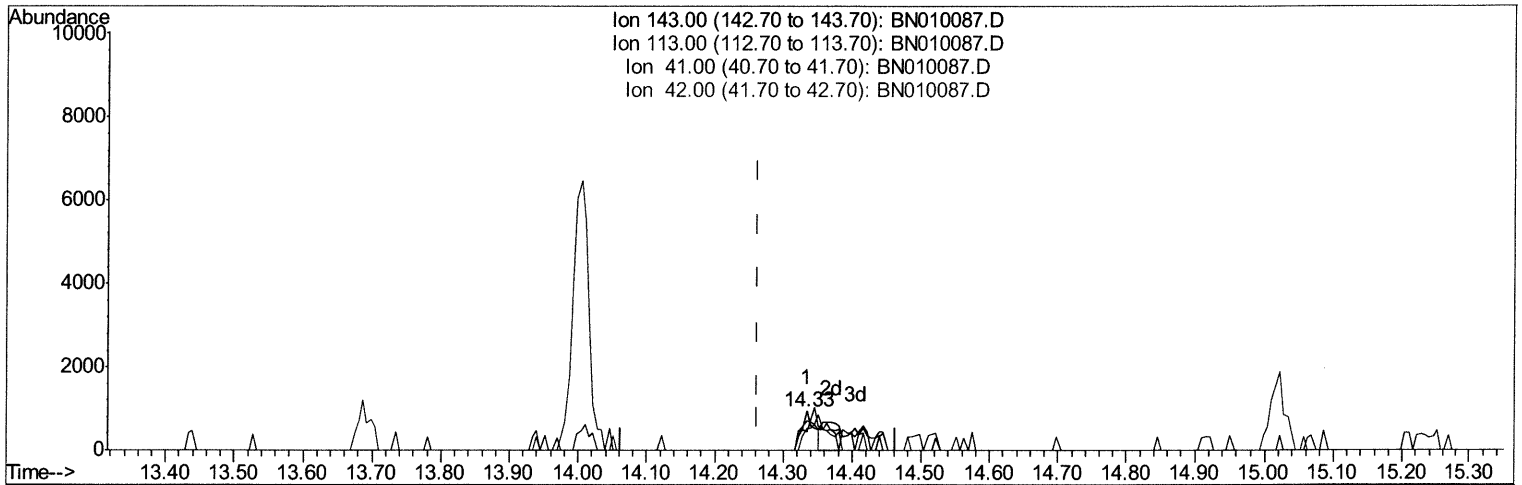
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 Operator : CG/JU
 Sample : L1641-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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 3/5/2020 3:56:07 PM

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TIC: BN010087.D

(52) 4-Nitrophenol-d4 (S)

14.334min (+0.071) 0.47ng/ul

response 1235

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	46.19#
41.00	66.00	74.87
42.00	43.20	58.43#

Quantitation Report (Qedit)

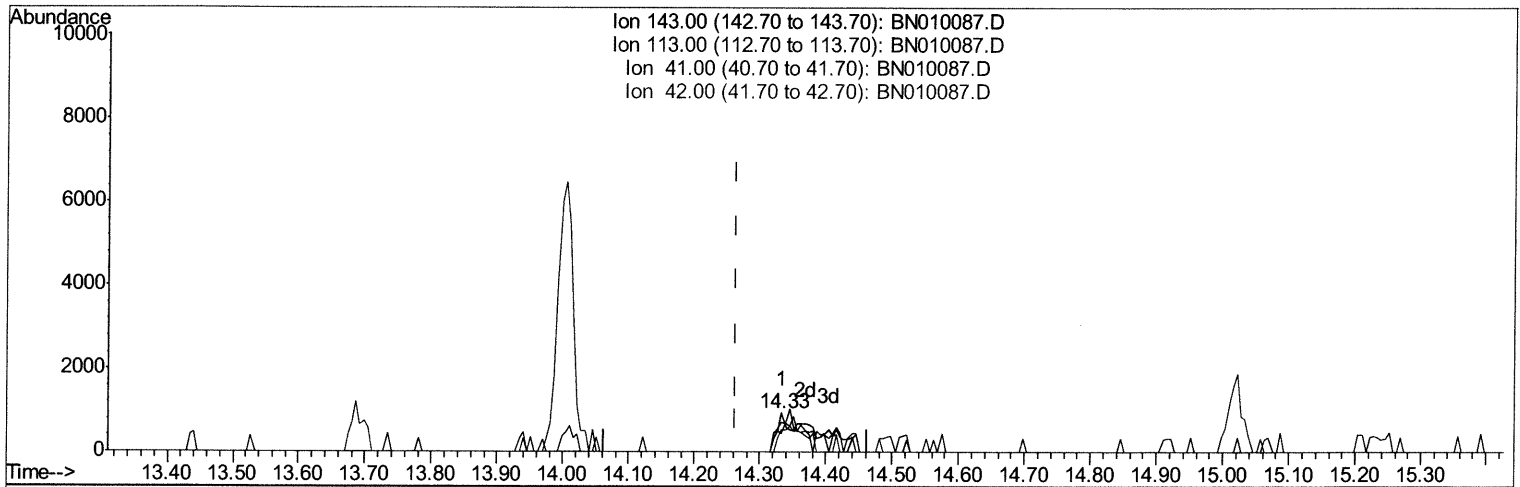
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 Operator : CG/JU
 Sample : L1641-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB700

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:07 PM

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Quantitation Report (Qedit)

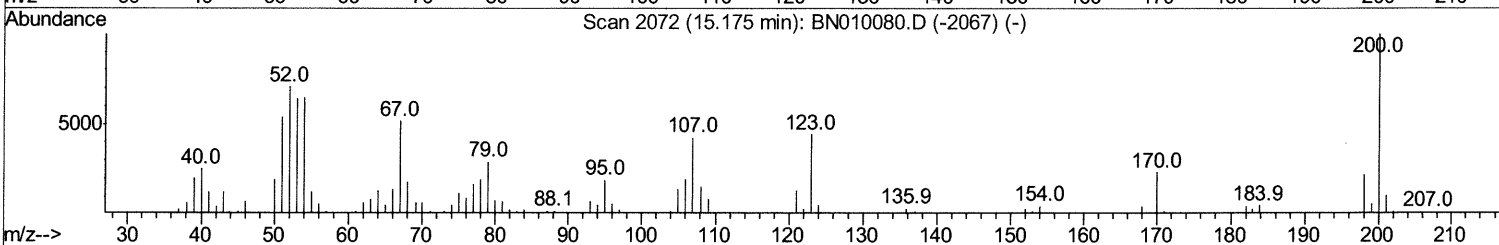
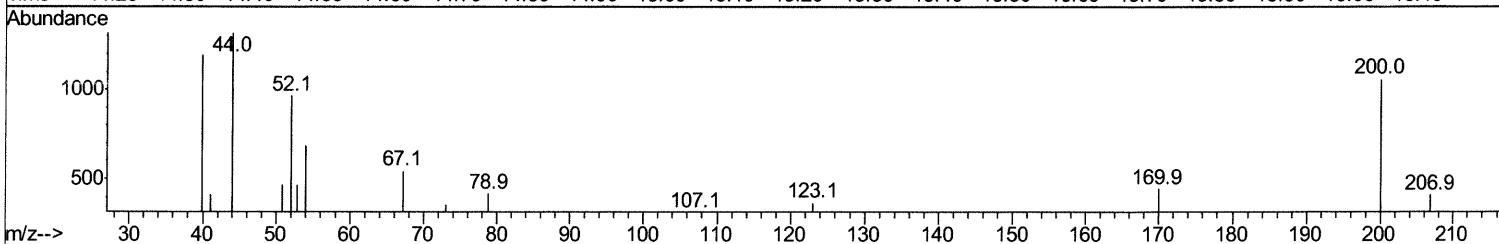
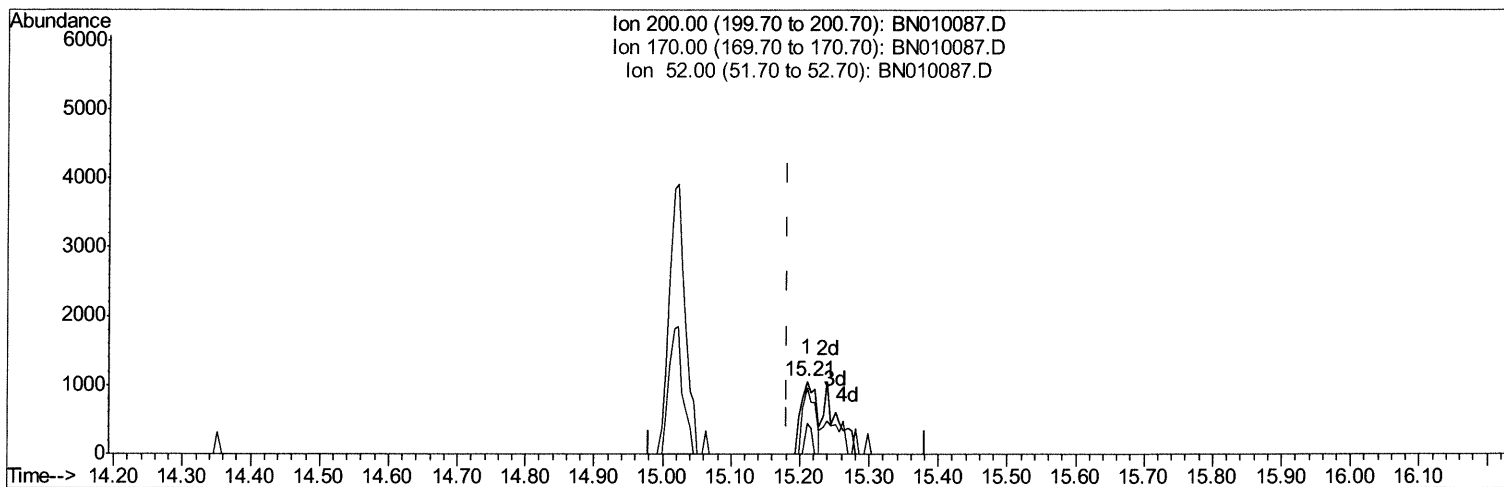
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ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BN010087.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.210min (+0.029) 0.62ng/ul

response 1635

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	42.01#
52.00	71.30	91.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

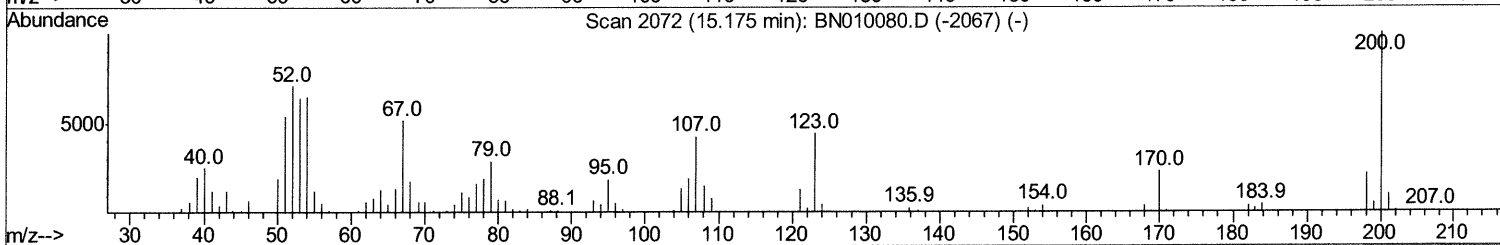
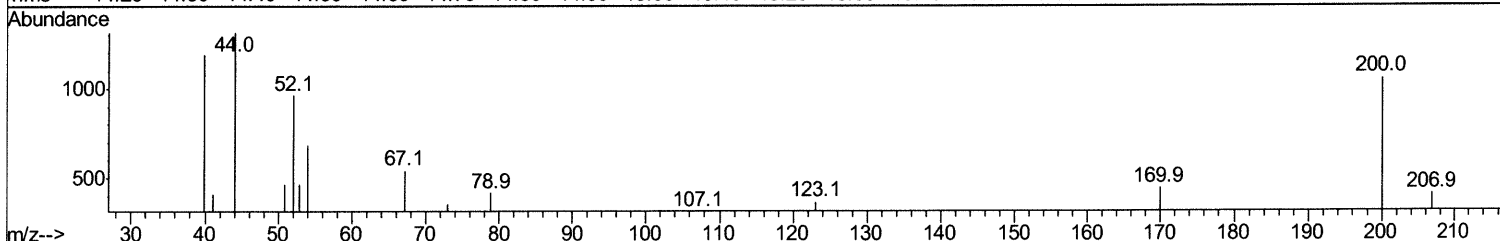
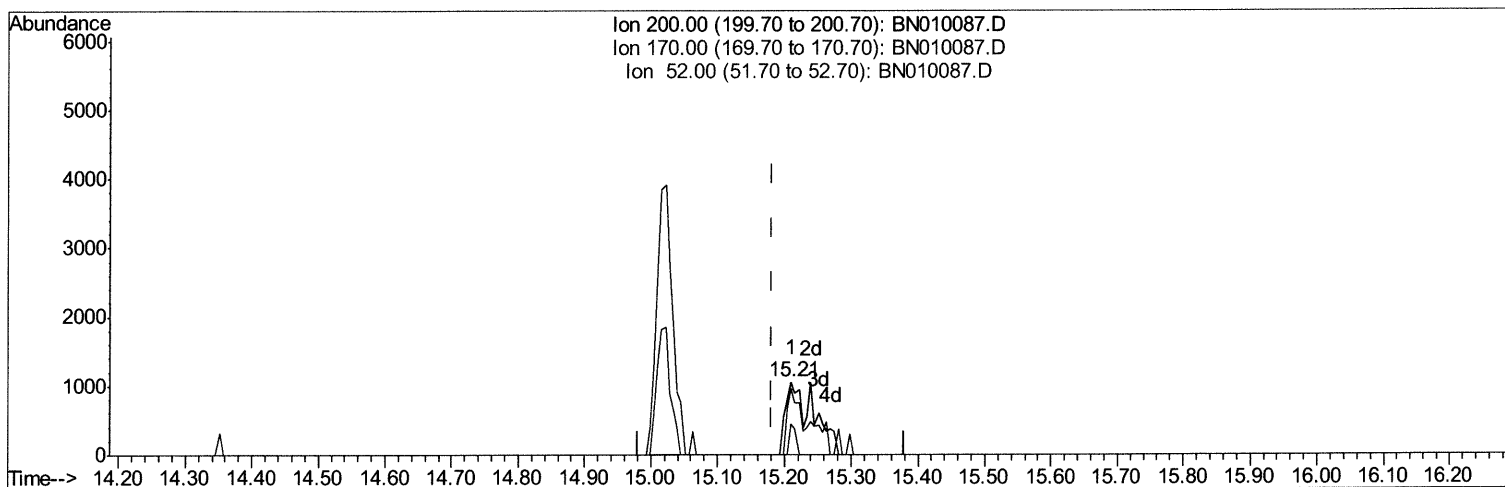
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Operator : CG/JU
Sample : L1641-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB700

Manual Integrations
APPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration



TIC: BN010087.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.210min (+0.029) 1.18ng/ul m *Ju03/05/20*

response 3098

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	42.01#
52.00	71.30	91.39#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
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Manual Integrations
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mohammad
 3/5/2020 3:56:07 PM

Quant Time: Mar 05 03:39:59 2020
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	64467	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	279189	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	190899	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	422815	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	392588	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	431785	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1471	0.94	ng/uL	0.00	
5) Phenol-d5	6.58	99	17731	3.23	ng/ul	0.01	
7) Bis-(2-Chloroethyl)ether-d	6.73	67	14462	3.82	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.90	132	15173	3.68	ng/ul	0.00	
13) 4-Methylphenol-d8	8.10	113	10137	2.32	ng/ul	0.02	
19) Nitrobenzene-d5	8.53	128	7493m	3.67	ng/ul	0.02	
22) 2-Nitrophenol-d4	9.24	143	8042m	3.60	ng/ul	0.02	
26) 2,4-Dichlorophenol-d3	9.80	165	14002m	3.26	ng/ul	0.05	Ju 03/05/20
29) 4-Chloroaniline-d4	10.31	131	16867m	3.49	ng/ul	0.04	
44) Dimethylphthalate-d6	13.45	166	59221	4.15	ng/ul	0.01	
47) Acenaphthylene-d8	13.69	160	64197	3.82	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.33	143	3231m>	1.24	ng/ul	0.07	Ju 03/05/20
58) Fluorene-d10	15.02	176	54394	4.42	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.21	200	3098m>	1.18	ng/ul	0.03	Ju 03/05/20
71) Anthracene-d10	16.87	188	84118	4.34	ng/ul	0.00	
79) Pyrene-d10	19.18	212	98374	4.79	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.96	264	95996	4.45	ng/ul	0.00	

Target Compounds

					Ovalue	
70) Phenanthrene	16.81	178	31058	1.287	ng/ul	98
77) Fluoranthene	18.85	202	48884	1.729	ng/ul#	97
80) Pyrene	19.21	202	45289	1.600	ng/ul	97
83) Benzo(a)anthracene	20.98	228	27270	1.011	ng/ul	95
85) Chrysene	21.03	228	27252	1.026	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	32755	1.170	ng/ul#	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed